

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097640.D
 Acq On : 12 Aug 2017 18:09
 Operator : SJ/JU
 Sample : I4700-04 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-080917-B

Quant Time: Aug 14 05:20:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

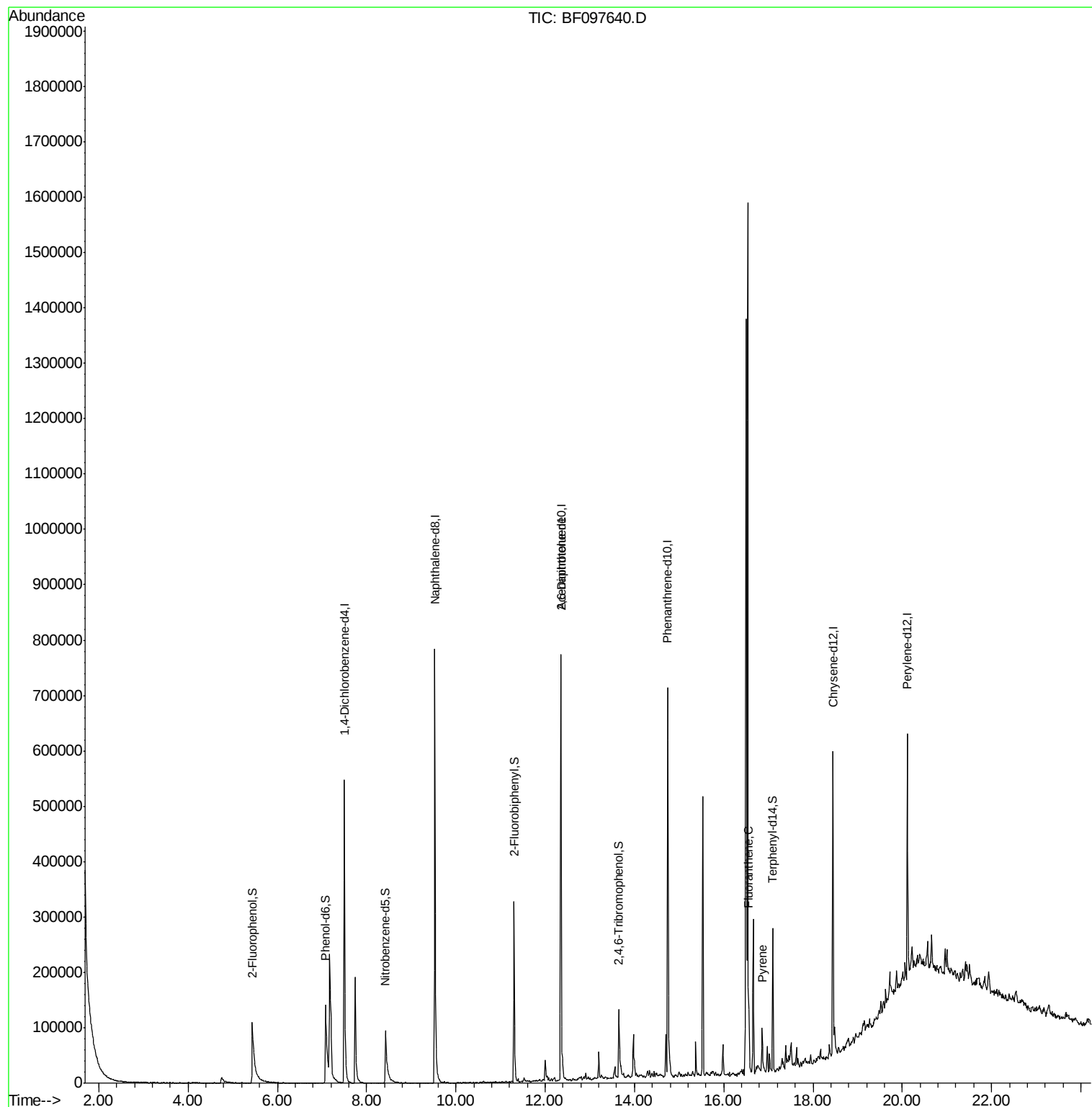
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	126084	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	533101	20.00	ng	-0.01
38) Acenaphthene-d10	12.35	164	218105	20.00	ng	-0.02
63) Phenanthrene-d10	14.74	188	335966	20.00	ng	-0.02
75) Chrysene-d12	18.44	240	208736	20.00	ng	-0.02
86) Perylene-d12	20.11	264	190571	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	118884	14.99	ng	0.04
7) Phenol-d6	7.07	99	163422	16.61	ng	0.02
23) Nitrobenzene-d5	8.42	82	91136	10.72	ng	0.00
41) 2,4,6-Tribromophenol	13.65	330	21782	13.14	ng	-0.01
44) 2-Fluorobiphenyl	11.30	172	151589	10.49	ng	-0.02
78) Terphenyl-d14	17.10	244	86356	8.56	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	12.35	165	26658	7.68	ng	Qvalue # 31
74) Fluoranthene	16.56	202	37942	2.17	ng	94
77) Pyrene	16.86	202	37531	2.17	ng	95

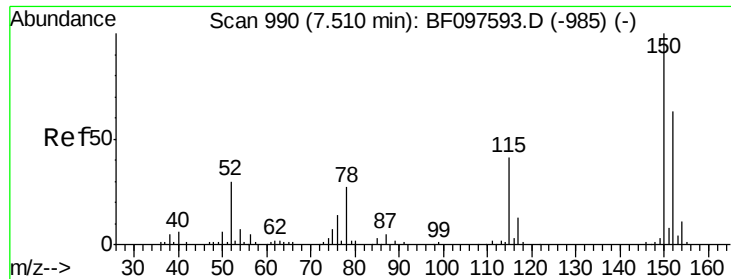
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.50 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF097640.D

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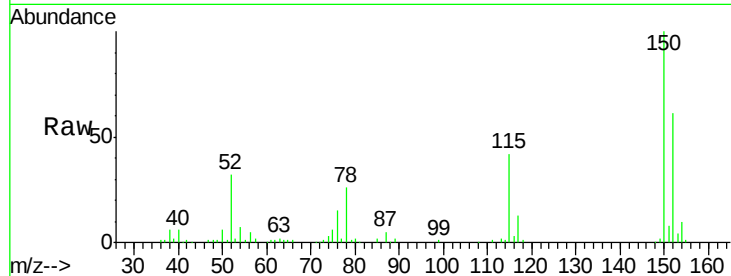
Tot Ion:152 Resp: 126084

Ion Ratio Lower Upper

152 100

150 162.7 126.2 189.2

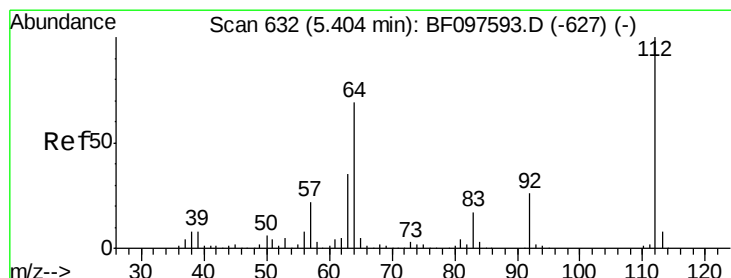
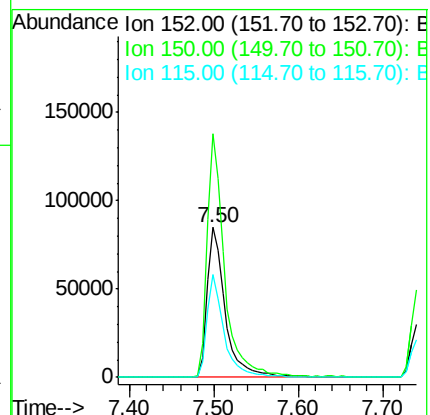
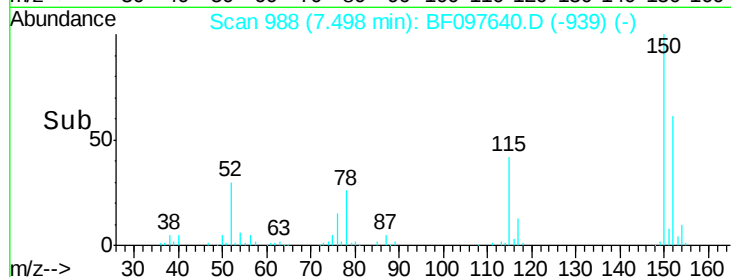
115 68.9 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 14.99 ng

RT: 5.44 min Scan# 638

Delta R.T. 0.04 min

Lab File: BF097640.D

Acq: 12 Aug 2017 18:09

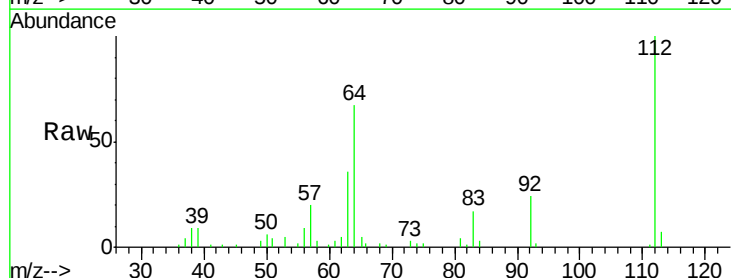
Tgt Ion:112 Resp: 118884

Ion Ratio Lower Upper

112 100

64 66.5 46.0 69.0

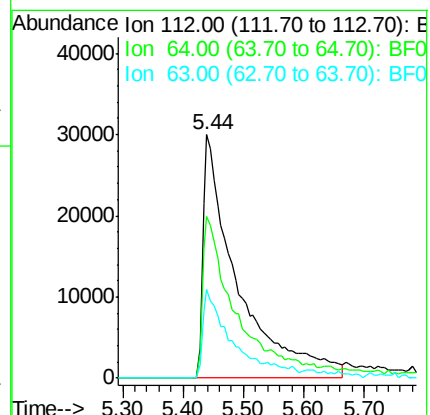
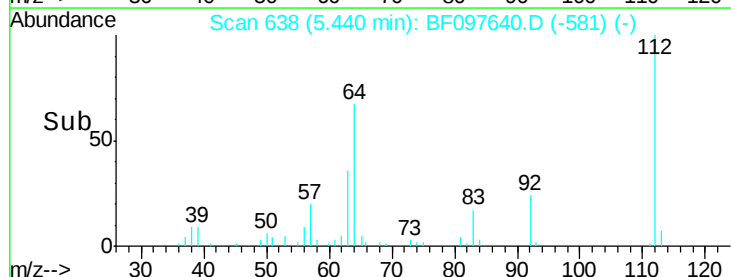
63 36.2 23.4 35.0#

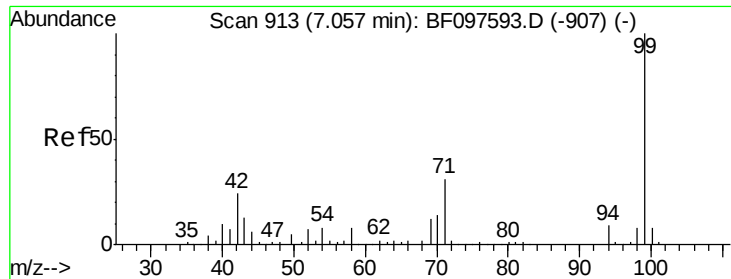


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 16.61 ng

RT: 7.07 min Scan# 916

Delta R.T. 0.02 min

Lab File: BF097640.D

Acq: 12 Aug 2017 18:09

Instrument :

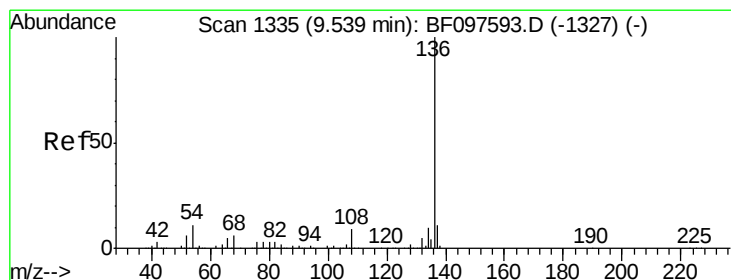
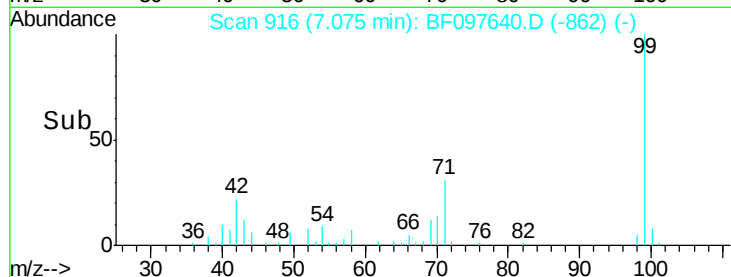
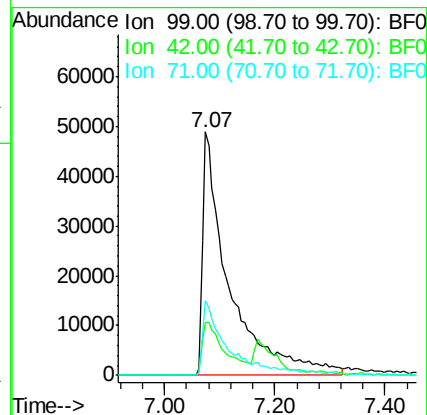
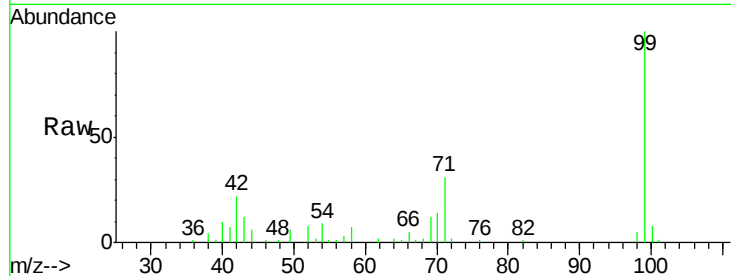
BNA_F

ClientSampleId :

NB-01-080917-B

Tot Ion: 99 Resp: 163422

Ion	Ratio	Lower	Upper
99	100		
42	21.8	13.5	20.3#
71	30.7	24.5	36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.53 min Scan# 1333

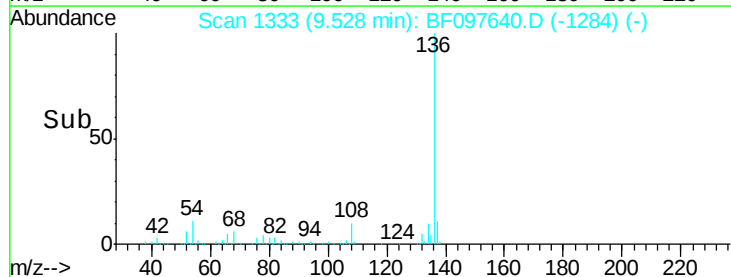
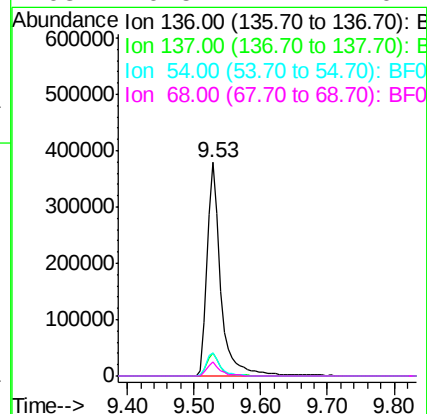
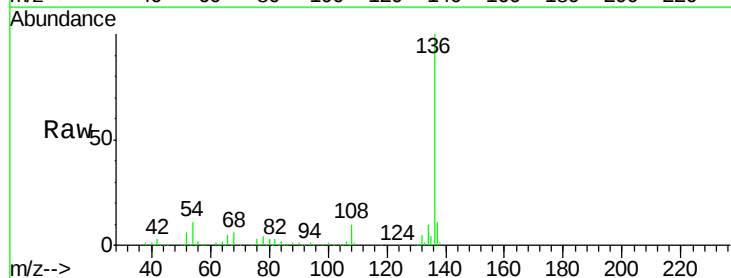
Delta R.T. -0.01 min

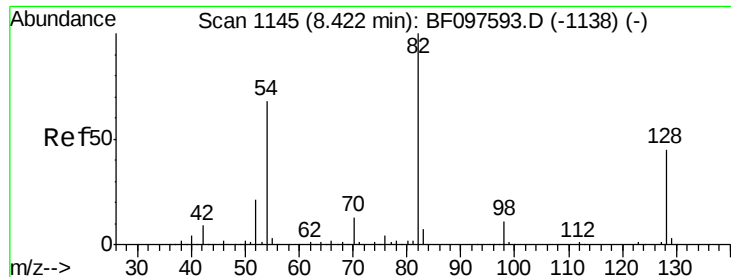
Lab File: BF097640.D

Acq: 12 Aug 2017 18:09

Tgt Ion: 136 Resp: 533101

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	11.0	4.9	7.3#
68	6.5	4.1	6.1#

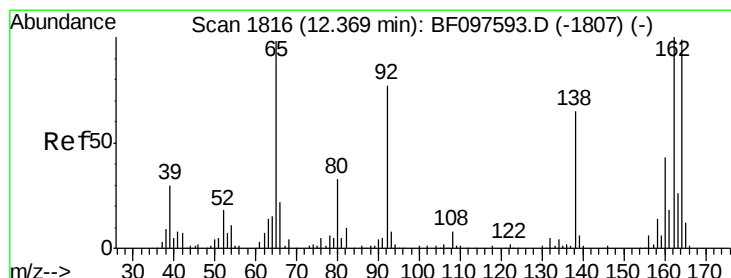
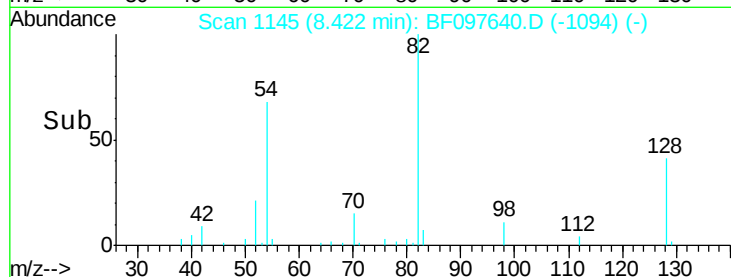
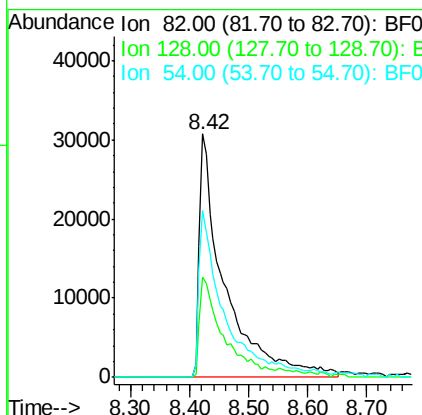
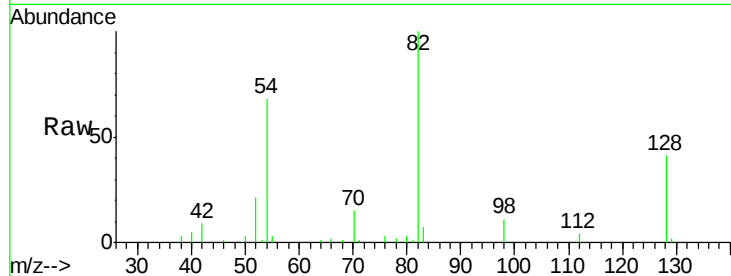




#23
 Nitrobenzene-d5
 Concen: 10.72 ng
 RT: 8.42 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF097640.D
 Acq: 12 Aug 2017 18:09

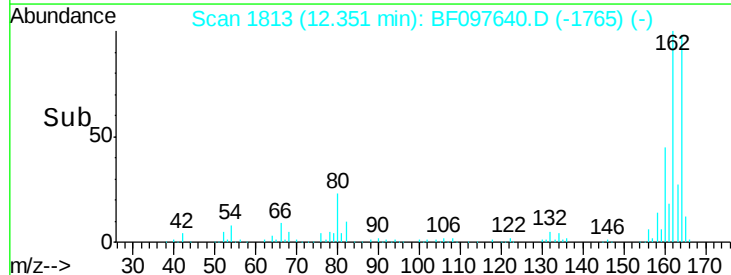
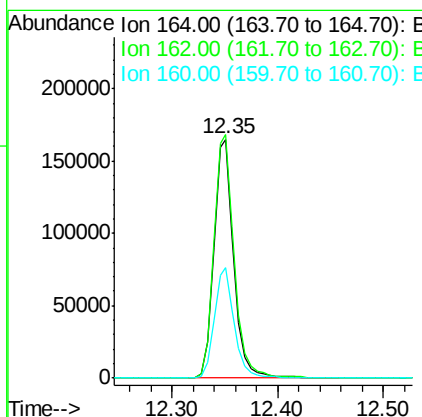
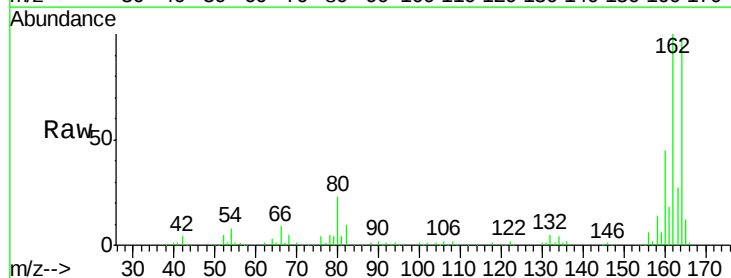
Instrument :
 BNA_F
 ClientSampleId :
 NB-01-080917-B

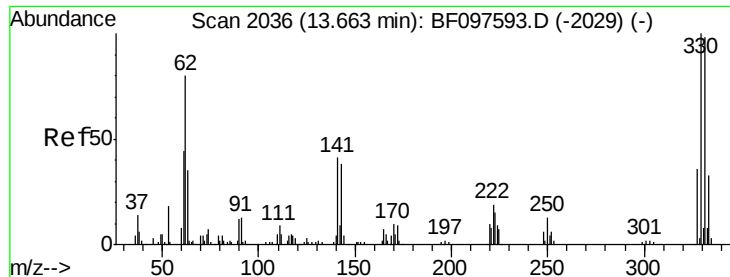
Tot Ion	82	Resp	91136
Ion Ratio	Lower	Upper	
82	100		
128	41.2	34.0	51.0
54	68.4	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.35 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF097640.D
 Acq: 12 Aug 2017 18:09

Tgt Ion	164	Resp	218105
Ion Ratio	Lower	Upper	
164	100		
162	102.0	82.6	123.8
160	46.4	36.2	54.2

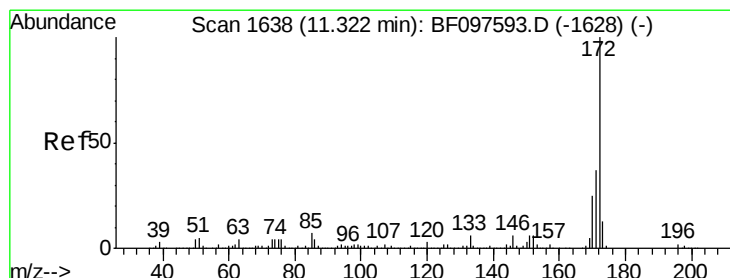
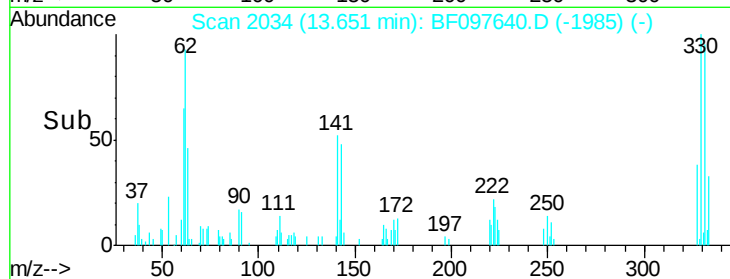
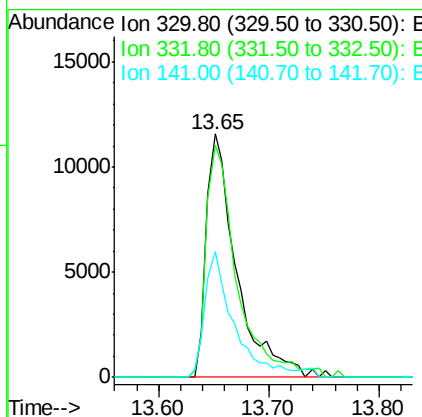
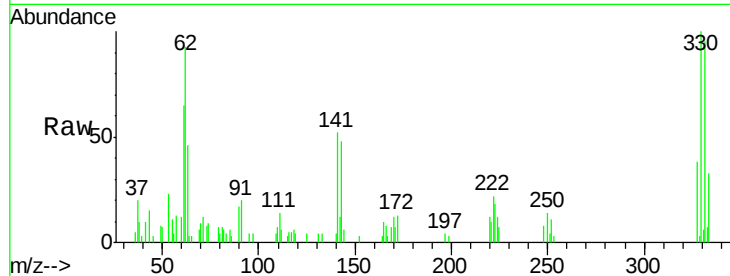




#41
 2,4,6-Tribromophenol
 Concen: 13.14 ng
 RT: 13.65 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF097640.D
 Acq: 12 Aug 2017 18:09

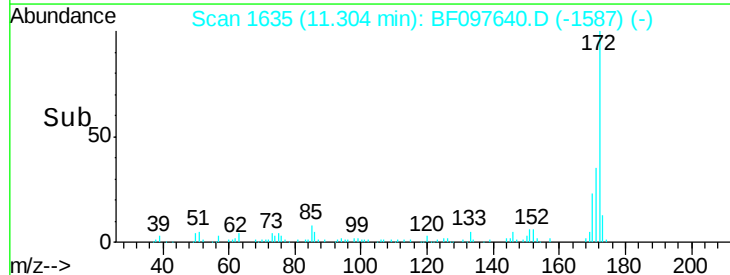
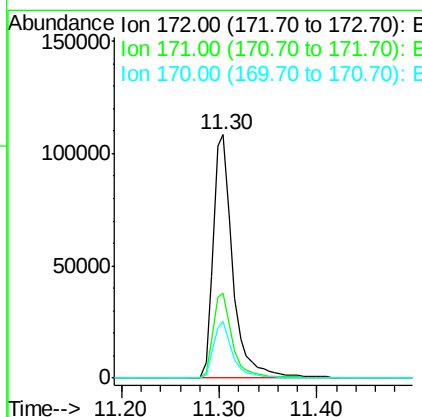
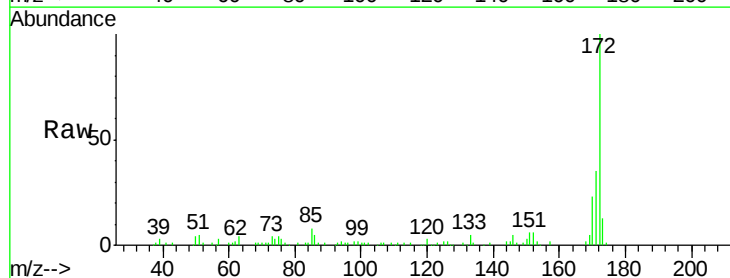
Instrument :
 BNA_F
 ClientSampleId :
 NB-01-080917-B

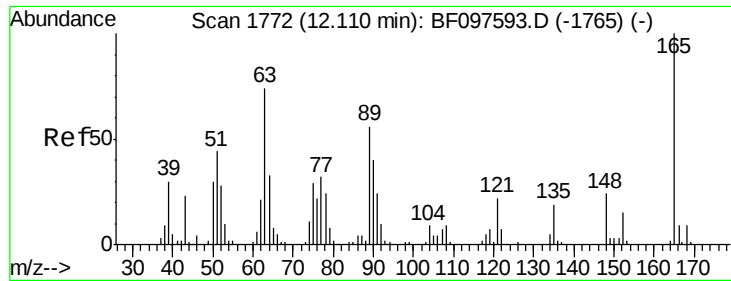
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	48.8	31.4	47.2#



#44
 2-Fluorobiphenyl
 Concen: 10.49 ng
 RT: 11.30 min Scan# 1635
 Delta R.T. -0.02 min
 Lab File: BF097640.D
 Acq: 12 Aug 2017 18:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.6	44.4
170	23.2	19.8	29.8

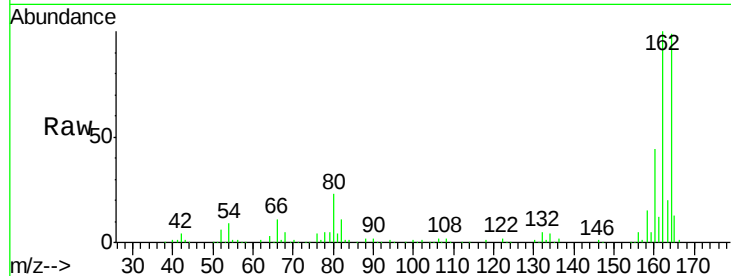




#50
 2,6-Dinitrotoluene
 Concen: 7.68 ng
 RT: 12.35 min Scan# 1812
 Delta R.T. 0.24 min
 Lab File: BF097640.D
 Acq: 12 Aug 2017 18:09

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-080917-B

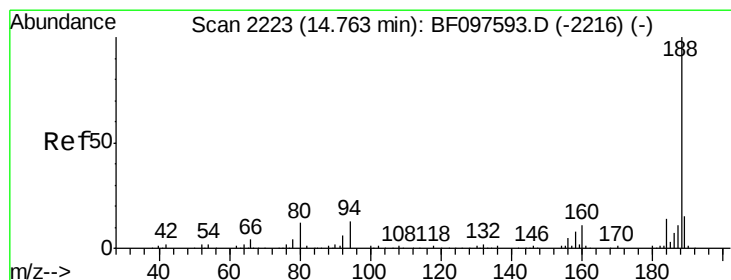
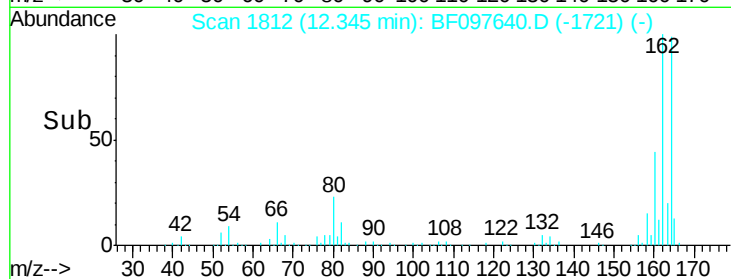
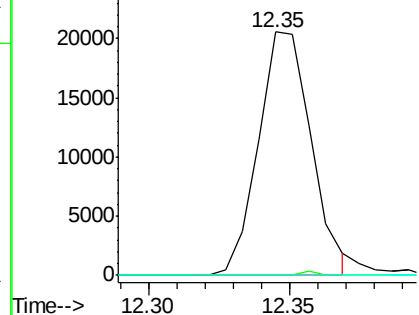
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

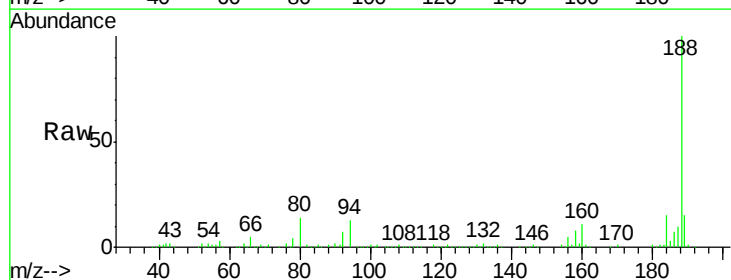
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2220
 Delta R.T. -0.02 min
 Lab File: BF097640.D
 Acq: 12 Aug 2017 18:09

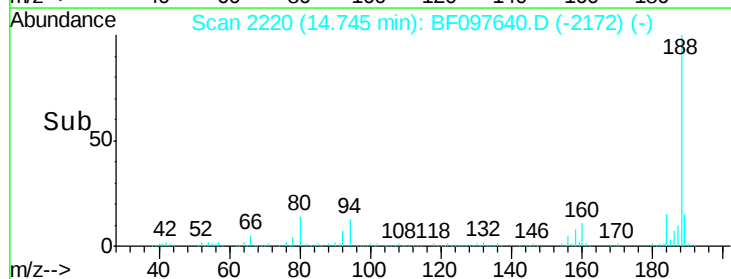
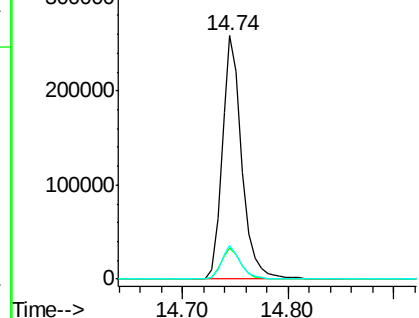
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.8	9.4	14.2
80	13.7	10.2	15.2

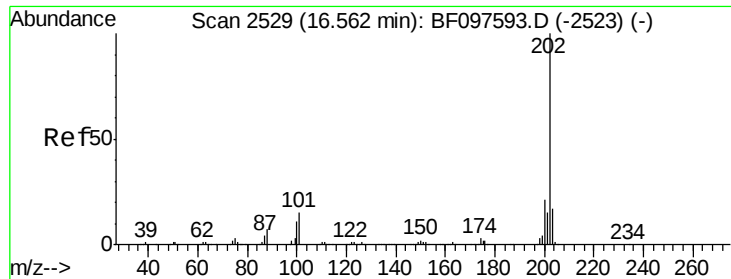


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

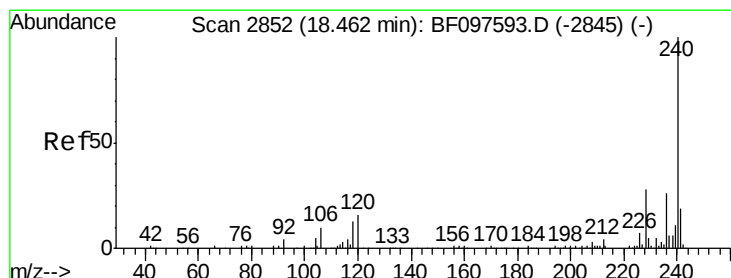
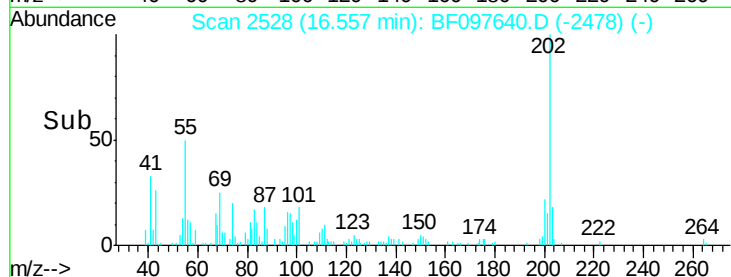
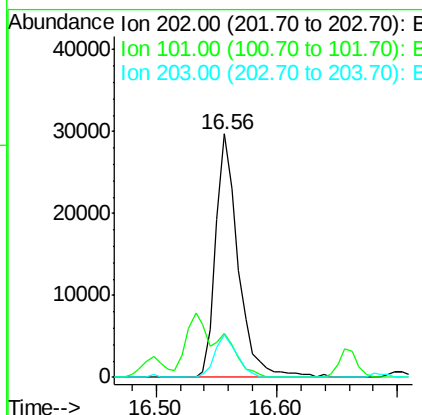
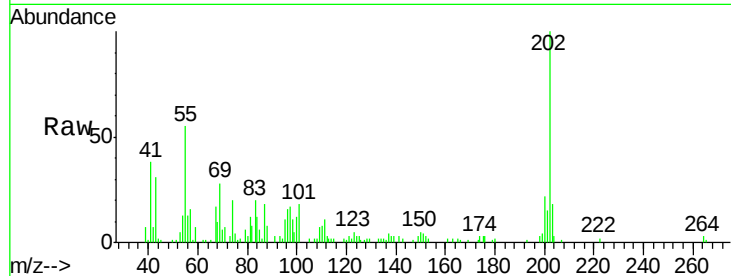




#74
 Fluoranthene
 Concen: 2.17 ng
 RT: 16.56 min Scan# 2528
 Delta R.T. -0.01 min
 Lab File: BF097640.D
 Acq: 12 Aug 2017 18:09

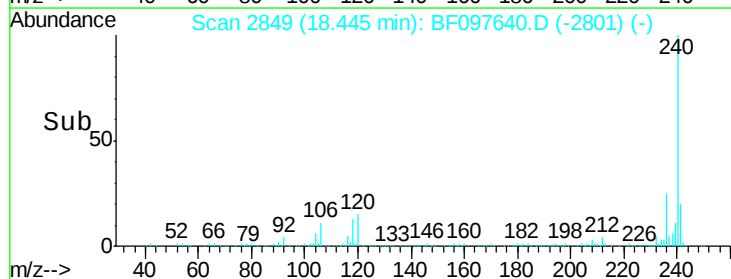
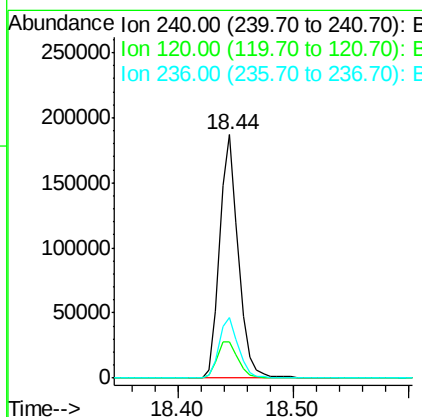
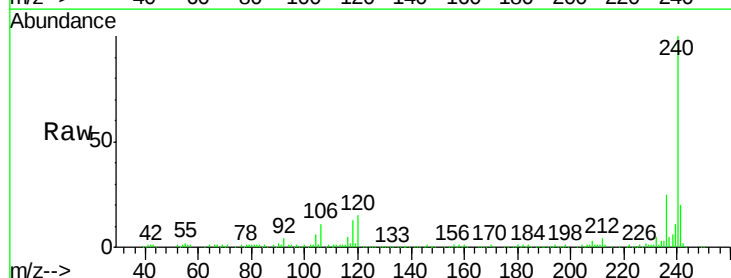
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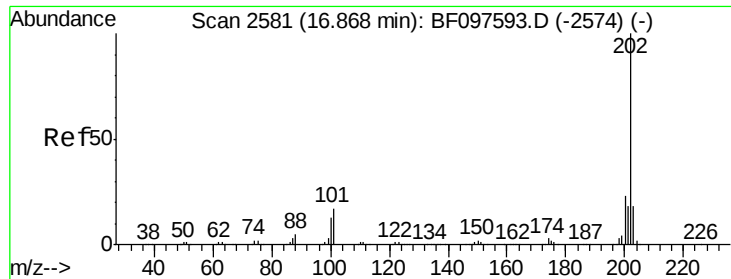
Tot Ion	Ratio	Lower	Upper
202	100		
101	18.0	0.0	33.2
203	17.7	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.44 min Scan# 2849
 Delta R.T. -0.02 min
 Lab File: BF097640.D
 Acq: 12 Aug 2017 18:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	24.7	20.5	30.7

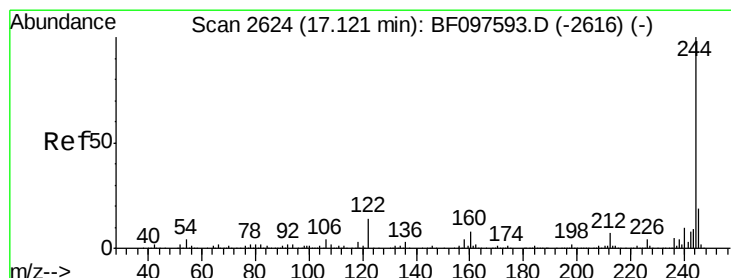
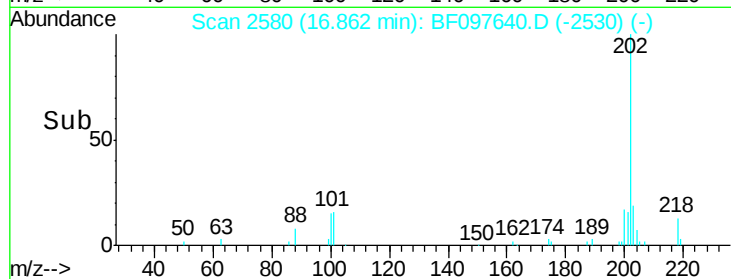
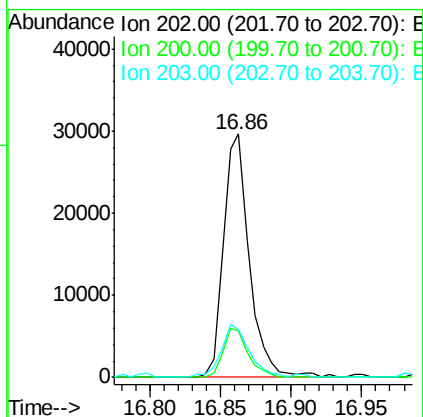
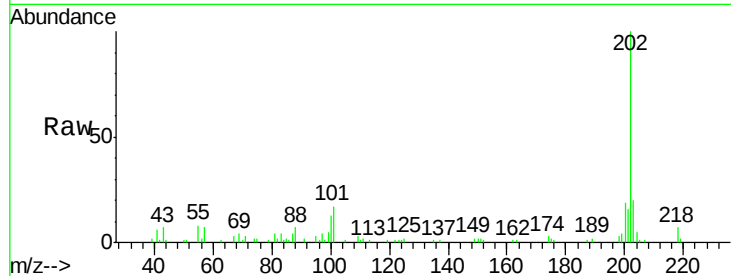




#77
Pvrene
Concen: 2.17 ng
RT: 16.86 min Scan# 2580
Delta R.T. -0.01 min
Lab File: BF097640.D
Acq: 12 Aug 2017 18:09

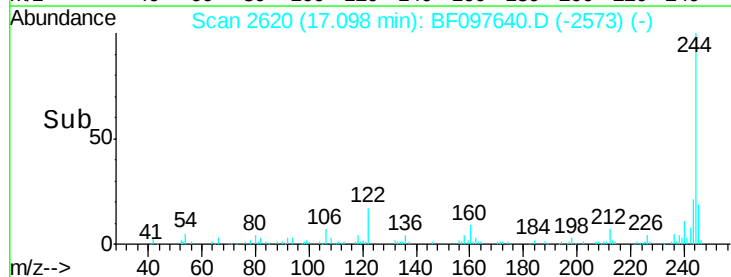
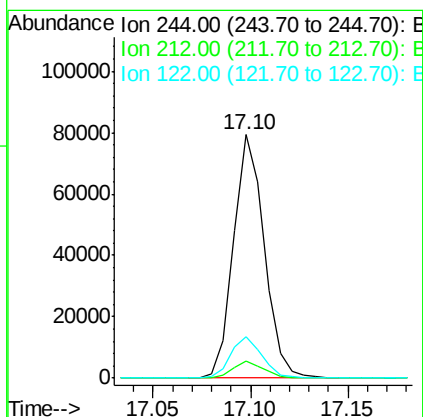
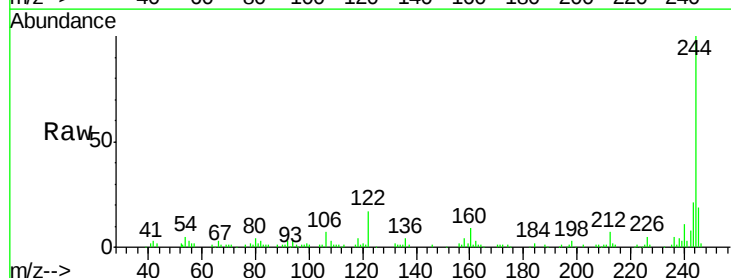
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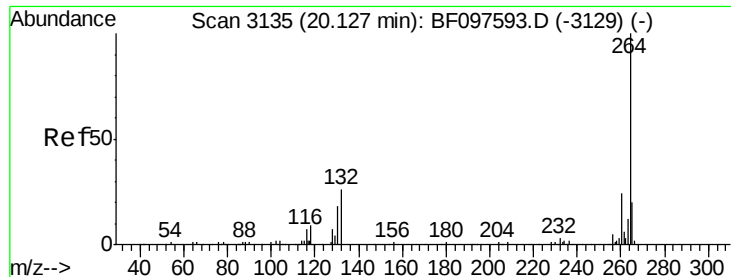
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.1	17.6	26.4
203	19.7	14.4	21.6



#78
Terphenyl-d14
Concen: 8.56 ng
RT: 17.10 min Scan# 2620
Delta R.T. -0.02 min
Lab File: BF097640.D
Acq: 12 Aug 2017 18:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	17.2	10.3	15.5#

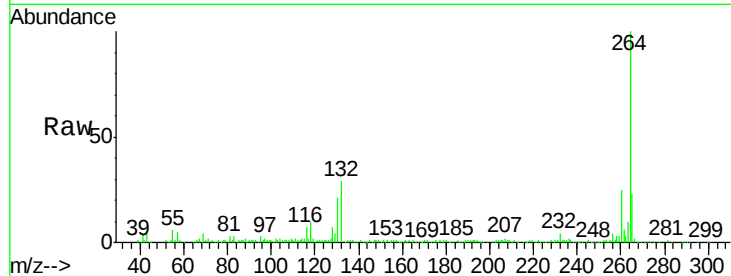




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.11 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BF097640.D
 Acq: 12 Aug 2017 18:09

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-080917-B

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	25.5	19.5	29.3	
265	22.5	17.2	25.8	



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

